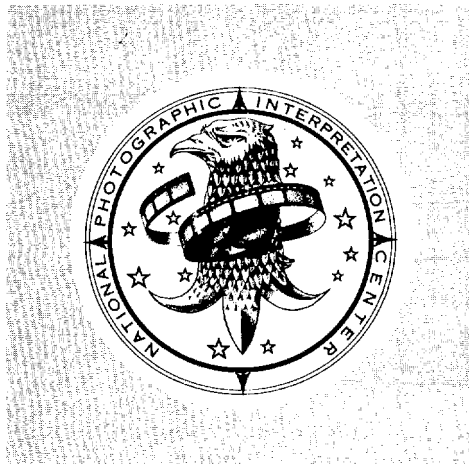


TOP SECRET



NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION 1114

IPIR NUMBER 21

OAK SUPPLEMENT PART XIX

25 MARCH - 8 APRIL 1971

**Handle via
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TCS-20224/71

JUNE 1971

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WARNING

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|---|--|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS IS THE NINETEENTH AND FINAL OAK SUPPLEMENT REPORT ON MISSION 1114. FOR ADDITIONAL PREFACE DETAILS, SEE FIRST OAK SUPPLEMENT.

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HIGHLIGHTS

MISSION HIGHLIGHTS

CHINA

AIR ACTIVITY

25X1A

LIANG-PING AIRFIELD [REDACTED] HAS BECOME
OPERATIONAL. SMALL SWEEP-WING AIRCRAFT WERE OBSERVED THERE ON
PHOTOGRAPHY OF [REDACTED] THE SUPPORT FACILITIES WERE STILL
UNDER CONSTRUCTION. 25X1D

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CHINA, COMMUNIST
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1A

25X1D

25X1D

JUNG-YANG WEST AIRFIELD

34-50- N 113-15- E

STATUS: UNDER CONSTRUCTION

REMARKS:

CONSTRUCTION ON THE RUNWAY WAS CONTINUING. A PARALLEL TAXIWAY, ONE END-CONNECTING LINK, ONE CROSSOVER LINK, AND ONE PARKING APRON WERE UNDER CONSTRUCTION AT THE WEST END OF THE AIRFIELD.

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

25X1D

25X1D

LIANG-PING AIRFIELD

25X1A

30-40- N 107-47- E

25X1D

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE SUPPORT FACILITIES.

THIS IS THE FIRST TIME AIRCRAFT HAVE BEEN OBSERVED AT THE AIRFIELD SINCE RECONSTRUCTION STARTED.

25X1D

AIR ORDER OF BATTLE:

8 SMALL SWEEP-WING

6 POSS SMALL SWEEP-WING

25X1D

IMAGERY:

25X1D

25X1D

25X1D

NAN-YANG AIRFIELD

25X1A

33-01- N 112-31- E

STATUS: OPERATIONAL

REMARKS:

THE RUNWAY WAS BEING GRADED AND SUBSURFACED. A PARALLEL TAXIWAY, TWO END-CONNECTING LINKS, TWO CROSSOVER LINKS, AND THREE PARKING APRONS WERE ALSO UNDER CONSTRUCTION.

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CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

11 COLT

25X1D

IMAGERY:

25X1D

25X1D

25X1D

YING-SHAN AIRFIELD NORTH

25X1A

31-39-N 113-48-E

STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:

3.3 NM NNW OF YING-SHAN AIRBORNE DIVISION HEADQUARTERS AND
BARRACKS AL 1

25X1D

THE AIRFIELD WAS UNDERGOING MAJOR RECONSTRUCTION. GRADING AND
SUBSURFACING ACTIVITY WAS OBSERVED. THE OLD GRADED-EARTH
RUNWAY WAS BEING CONVERTED TO A NEW CONCRETE RUNWAY WITH AN
OVERALL LENGTH OF

25X1D

A PARALLEL TAXIWAY AND PARKING APRONS WERE
IN AN EARLY STAGE OF CONSTRUCTION. ADJACENT CONSTRUCTION
SUPPORT CAMPS CONTAIN A TOTAL OF APPROXIMATELY 20 BUILDINGS.

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

LO-YANG PROBABLE ARMY BARRACKS

25X1D 25X1D
25X1A 34-41-N 112-29-E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

ON THE EAST EDGE OF LO-YANG.
THE NEWLY IDENTIFIED WALL-SECURED SITE CONTAINS FOUR BARRACKS
(TWO L-SHAPED MULTISTORY), TWO I-SHAPED MULTISTORY
ADMINISTRATION BUILDINGS, ONE AUDITORIUM, FIVE SUPPORT
BUILDINGS, FOUR BARRACKS/SUPPORT BUILDINGS, FIVE
STORAGE/SUPPORT BUILDINGS, AND TWO PROBABLE MESSHALLS.

GROUND FORCE ORDER OF BATTLE:

31 AAA PIECES 3 VEHICLES/PIECES OF EQUIP
36 CARGO TRUCKS (APPROX)

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-0385-8HL 25X1D

IMAGERY:

OTHER RESULTS-NO APPARENT CHANGE

HSI-CHANG ARMY BARRACKS AL 1
NAC

25X1D 25X1D
25X1A 27-54-N 102-13-E

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

IMAGERY:

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D

YEN-YUAN MILITARY INSTALLATION
[REDACTED] NAC

25X1A

25X1D

25X1D

27-23-[REDACTED] N 101-33-[REDACTED] E

STATUS: OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D

IMAGERY: [REDACTED]

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CHINA, COMMUNIST
LOGISTICS

SIGNIFICANT RESULTS

25X1D

KUEI-TING/YU-PING RAIL LINE U/C
[REDACTED]

25X1D

25X1D

25X1A 26-34-[REDACTED] N 107-13-[REDACTED] E
[REDACTED]

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

CONSTRUCTION ON A NEW RAIL LINE WAS OBSERVED FROM KUEI-TING TO YU-PING AND NW INTO HUNAN PROVINCE. EARLY STAGE CONSTRUCTION ACTIVITY PROVIDED EVIDENCE OF THE ALIGNMENT OF ROUTE SECTIONS. THE LINE WILL BE APPROXIMATELY 125 NM LONG IN KWEICHOW PROVINCE.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:

250-NG48-8, NG49-1, NG49-5 25X1D

IMAGERY: [REDACTED]

25X1D

LIN-HSIANG POL REFINERY AND STORAGE
[REDACTED]

25X1A

25X1D

25X1D

29-31-[REDACTED] N 113-22-[REDACTED] E
[REDACTED]

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

5 NM WNW OF LIN-HSIANG.

THE NEWLY IDENTIFIED REFINERY AT THE FACILITY CONSISTS OF A MAIN PROCESSING AREA, A SECONDARY PROCESSING AREA, A HOUSING AND SUPPORT AREA, A RAIL TRANSLOADING AND HOLDING YARD, A CLASSIFICATION YARD, AND TWO TANK FARMS.

THE MAIN PROCESSING AREA CONSISTS OF A MULTISTAGE CRUDE DISTILLATION UNIT WHICH MAY BE COMPLETE, A PROBABLE CRACKING UNIT, AND A PROBABLE VAPOR RECOVERY UNIT. TWO UNIDENTIFIED ASSOCIATED UNITS WERE UNDER CONSTRUCTION. OTHER ASSOCIATED FACILITIES INCLUDE A FORCED-DRAFT COOLING TOWER, A WATER PROCESSING UNIT, AND A LARGE STEAMPLANT.

THE SECONDARY PROCESSING AREA IS IN TWO VALLEYS ADJACENT TO THE MAIN PROCESSING AREA. AT LEAST SIX PROCESSING UNITS WERE UNDER CONSTRUCTION.

THE HOUSING AND SUPPORT AREA CONSISTS OF APPROXIMATELY 450

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CHINA, COMMUNIST
LOGISTICS

BUILDINGS INCLUDING ADMINISTRATION BUILDINGS, WAREHOUSES, WORKSHOPS, AND A LARGE WORKERS HOUSING AREA. SEVERAL OPEN STORAGE YARDS WERE OBSERVED IN THE AREA.

THE RAIL TRANSLOADING YARD HAS TWO LONG ROWS OF TRANSLOADING RACKS AND IS CONNECTED BY RAIL TO A POSSIBLE PACKAGING PLANT.

AT LEAST 25 LARGE POL STORAGE TANKS (PUG) ARE ADJACENT TO THE SECONDARY PROCESSING AREA. A SECOND TANK FARM WAS UNDER CONSTRUCTION AND CONTAINED 13 LARGE POL TANKS

25X1D IMAGERY: 

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CHINA, COMMUNIST
INDUSTRY

SIGNIFICANT RESULTS

25X1D 25X1A 25X1D 25X1D
HSIEH-CHIA-KANG PROB MV PLANT 32-38- N 110-46- E

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

APPROXIMATELY 50 NM WNW OF KUANG-HUA.
THE FACILITY IS LOCATED IN SEVERAL NATURAL VALLEYS. MAJOR
CONSTRUCTION HAS TAKEN PLACE OVER THE PAST YEAR AND THE
FACILITY NOW CONSISTS OF EIGHT FABRICATION/ASSEMBLY AREAS AND A
MAIN HOUSING AND SUPPORT AREA.

25X1D 25X1D

THE MAIN HOUSING AND SUPPORT AREA, AT 32-38- N 110-46- E, IS
IN THE EASTERN CENTER OF THE COMPLEX AND CONTAINS APPROXIMATELY
15 ADMINISTRATION BUILDINGS AND 380 HOUSING UNITS. AT LEAST
160 ADDITIONAL HOUSING UNITS ARE OUTSIDE THE MAIN HOUSING AND
SUPPORT AREA.

25X1D 25X1D

INDUSTRIAL AREA A, AT 32-38- N 110-40- E, IS 5.5 NM WEST OF
THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE PROBABLE
ROLLING MILL, SIX LARGE ASSEMBLY-TYPE BUILDINGS, 30 SHOP-TYPE
BUILDINGS, AND 34 SUPPORT BUILDINGS. RAIL CONSTRUCTION WAS
OBSERVED ON THE WESTERN EDGE OF THE AREA.

25X1D 25X1D

INDUSTRIAL AREA B, AT 32-39- N 110-44- E, IS 2.5 NM WEST OF
THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE PROBABLE
ROLLING MILL, THREE LARGE ASSEMBLY-TYPE BUILDINGS, 27 SHOP-TYPE
BUILDINGS, AND 48 SUPPORT BUILDINGS.

25X1D 25X1D

INDUSTRIAL AREA C, AT 32-40- N 110-46- E, IS 1 NM WNW OF THE
MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE PROBABLE ROLLING
MILL, THREE LARGE ASSEMBLY-TYPE BUILDINGS, TEN SHOP-TYPE
BUILDINGS, AND 16 SUPPORT BUILDINGS.

25X1D 25X1D

INDUSTRIAL AREA D, AT 32-40- N 110-47- E, IS 1.5 NM NORTH OF
THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS THREE LARGE
ASSEMBLY-TYPE BUILDINGS, 23 SHOP-TYPE BUILDINGS, AND 134
SUPPORT BUILDINGS.

25X1D 25X1D

INDUSTRIAL AREA E, AT 32-38- N 110-45- E, IS 1.5 NM WEST OF
THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE PROBABLE
ROLLING MILL, THREE LARGE ASSEMBLY-TYPE BUILDINGS, 12 SHOP-TYPE
BUILDINGS, AND 46 SUPPORT BUILDINGS.

25X1D 25X1D

INDUSTRIAL AREA F, AT 32-37- N 110-46- E, IS 1.6 NM SOUTH OF

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
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CHINA, COMMUNIST
INDUSTRY

THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS TWO LARGE
ASSEMBLY-TYPE BUILDINGS, 18 SHOP-TYPE BUILDINGS, AND 52 SUPPORT
BUILDINGS.



25X1D

25X1D

INDUSTRIAL AREA G, AT 32-37- N 110-44- E, IS 2 NM SSW OF THE
MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE LARGE
ASSEMBLY-TYPE BUILDING, SEVEN SHOP-TYPE BUILDINGS, TEN SUPPORT
BUILDINGS, AND SEVERAL STORAGE/SUPPORT BUILDINGS.

25X1D

25X1D

INDUSTRIAL AREA H, AT 32-35- N 110-49- E, IS 3.7 NM ESE OF
THE MAIN HOUSING AND SUPPORT AREA AND CONTAINS ONE LARGE
ASSEMBLY-TYPE BUILDING, 15 SHOP-TYPE BUILDINGS, AND 50 SUPPORT
BUILDINGS. RAIL CONSTRUCTION WAS OBSERVED IN INDUSTRIAL AREA
H, AND IT EXTENDED INTO INDUSTRIAL AREA F.

THIS INSTALLATION WAS PREVIOUSLY REPORTED AS SHIH-YEN-CHEN
STORAGE AREA. 25X1D

IMAGERY: 

25X1D

25X1D

LO-TU FABRICATION PLANT

25X1A

36-31- N 102-24- E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

2.2 NM NORTH OF LO-TU.

THE NEWLY IDENTIFIED RAIL-SERVED PLANT CONTAINS NINE
FABRICATION BUILDINGS, 35 SHOP/SUPPORT BUILDINGS, AND
APPROXIMATELY 25 WORKERS QUARTERS.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-0383-21HL

25X1D

IMAGERY: 

25X1D

25X1D

25X1D SUI-HSIEN INDUSTRIAL AREA

25X1A

30-41- N 113-20- E

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

1.6 NM WSW OF SUI-HSIEN.

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CHINA, COMMUNIST
INDUSTRY

THE NEWLY IDENTIFIED FACILITY, IN A LATE STAGE OF CONSTRUCTION, IS SITUATED IN SEVERAL NATURAL VALLEYS ON THE SOUTH BANK OF THE YUN SHUI RIVER. THE INSTALLATION CONSISTS OF SEVEN LARGE FABRICATION-TYPE BUILDINGS (FOUR WITH MONITOR ROOFS), AT LEAST TEN SHOP-TYPE BUILDINGS, APPROXIMATELY 70 STORAGE/SUPPORT BUILDINGS, ONE PROBABLE AUDITORIUM, AND 40 BARRACKS-TYPE BUILDINGS. AN ADJACENT STORAGE AREA CONTAINS AT LEAST 14 STORAGE BUILDINGS (SEVERAL UNDER CONSTRUCTION) AND EIGHT SUPPORT BUILDINGS.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-0494-5HL 25X1D

IMAGERY:

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1A

25X1D

25X1D

CHUNG-CHING ARMS & AMMUNITION PLT 497
NAC

29-34-N 106-40-E

STATUS:UNKNOWN 25X1D

IMAGERY:

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CHINA, COMMUNIST
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

25X1A

25X1D

25X1D

CHIEN-CHIANG OILFIELD

30-28-N 112-44-E

STATUS: OPERATIONAL

25X1D

REMARKS:

THE OILFIELD HAS NEARLY DOUBLED ITS SUPPORT FACILITIES AND DRILLING SITES SINCE MISSION [REDACTED]. TWO NEW REFINERIES WERE IDENTIFIED WITHIN 60 NM OF THE OILFIELD. APPROXIMATELY 60 NEW PROBABLE DERRICKS AND DRILL HOLES WERE OBSERVED IN AND OR ADJACENT TO THE OILFIELD AREA. HOUSING AND SUPPORT AREAS CONTAINED APPROXIMATELY 1,060 PROBABLE BARRACKS-TYPE HOUSING UNITS, 58 SHOP-TYPE BUILDINGS, 365 SUPPORT BUILDINGS, 121 STORAGE/SUPPORT BUILDINGS, AND 100 STORAGE BUILDINGS. A LARGE MULTIWING HOSPITAL, TWO MOTOR POOLS, SEVERAL VEHICLE PARKING AREAS, AND TWO POL STORAGE AREAS WITH FOUR PARTIALLY UNDERGROUND TANKS, EIGHT VERTICAL TANKS, FOUR HORIZONTAL TANKS, AND EIGHT SUPPORT BUILDINGS WERE OBSERVED. NEW BUILDING CONSTRUCTION AND NUMEROUS VEHICLES WERE OBSERVED IN THE HOUSING AND SUPPORT AREAS. THE PREVIOUSLY REPORTED NEW EAST-WEST ROAD UNDER CONSTRUCTION EXTENDING FROM SHA-SHIH TO WU-HAN WAS COMPLETE. A RIVER TRANSSHIPMENT AREA, WHICH MAY SERVE THE OILFIELD, WAS UNDER CONSTRUCTION ON THE EASTERN EDGE OF SHA-SHIH, 17 NM WEST OF THE OILFIELD AT 30-16-N 112-17-E.

25X1D

IMAGERY: [REDACTED]

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UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

AL ISMAILIYAH SAM SITE A20A-2
[REDACTED] NAC

18 25X1A 30-28-[REDACTED]N 032-13-[REDACTED]E

25X1D

25X1D

STATUS:OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D

AL ISMAILIYAH SAM SITE A36-2
[REDACTED]

466

30-40-[REDACTED]N 032-16-[REDACTED]E

25X1A

25X1D

25X1D

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

2.5 NM NW OF AL ISMAILIYAH.

THE NEWLY IDENTIFIED SITE CONSISTS OF A REVETTED GUIDANCE AREA,
SIX REVETTED DRIVE-THROUGH LAUNCH POSITIONS, AND SIX
MISSILE-HOLD POSITIONS.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:

JOG-NH 36-6

25X1D

IMAGERY: [REDACTED]

25X1D

AL QAHIRAH SAM SITE B14A-2
[REDACTED] NAC

344

29-53-[REDACTED]N 031-26-[REDACTED]E

25X1A

25X1D

25X1D

STATUS:OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D

AL UQSUR SAM SITE C19-2
[REDACTED]

438

25-18-[REDACTED]N 032-36-[REDACTED]E

25X1A

25X1D

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

24.2 NM SOUTH OF AL UQSUR.

THE NEWLY IDENTIFIED SITE CONSISTS OF THREE PROBABLE GUIDANCE
AREAS AND AT LEAST 12 DRIVE-THROUGH LAUNCH POSITIONS. ONE

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UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

GUIDANCE AREA AND AT LEAST FOUR LAUNCH POSITIONS WERE OCCUPIED.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
JOG-NG 36-10 25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

AS SUWAYS SAM SITE C01-2
[REDACTED] NAC

37

30-19- [REDACTED] N 032-32- [REDACTED] E

STATUS:UNOCCUPIED

REMARKS:
UNIDENTIFIED OBJECTS IN AND AROUND THE SITE ARE NOT SA-2
RELATED,

25X1D

ASSOCIATED OBJECTS:
[REDACTED]

11 VEHICLES/PIECES OF EQUIP 25X1D

IMAGERY: [REDACTED]

25X1A

25X1D

25X1D

25X1D

BANI SUWAYF SAM SITE D11A-2
[REDACTED]

457

28-54- [REDACTED] N 031-38- [REDACTED] E

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:
30.5 NM ESE OF BANI SUWAYF.
THE NEWLY IDENTIFIED SITE CONSISTS OF A REVETTED GUIDANCE AREA,
SIX REVETTED DRIVE-THROUGH LAUNCH POSITIONS, AND SIX REVETTED
MISSILE-HOLD POSITIONS.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE: 25X1D
JOG-NH 36-14

IMAGERY: [REDACTED]

HANDLE VIA
Approved For Release 2000/04/17 : CIA-RDP78T04562A002300010002-1
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

UNITED ARAB REPUBLIC
AIR DEFENSE MISSILES

25X1D

NAJ HAMMADI SAM SITE A15-2

434

25X1A

25-57- N 032-18- E

25X1D

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

6.5 SE OF NAJ HAMMADI.

THE NEWLY IDENTIFIED SITE CONSISTED OF SIX REVETTED
DRIVE-THROUGH LAUNCH POSITIONS, A PROBABLE REVETTED GUIDANCE
AREA, AND AT LEAST TWO MISSILE-HOLD POSITIONS.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

JOG-NG 36-10

25X1D

IMAGERY:

25X1D

25X1D

25X1D

NAJ HAMMADI SAM SITE A28-2

430

25X1A

26-03- N 032-11- E

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

2.5 NM WEST OF NAJ HAMMADI.

THE NEWLY IDENTIFIED SITE UNDER CONSTRUCTION CONSISTED OF AT
LEAST FOUR REVETTED DRIVE-THROUGH LAUNCH POSITIONS, A GUIDANCE
AREA UNDER CONSTRUCTION, SIX MISSILE-HOLD REVETMENTS, AND TWO
PROBABLE STRUCTURES UNDER CONSTRUCTION. THE SITE WAS
UNOCCUPIED.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

JOG NG 36-6

25X1D

IMAGERY:

HANDLE VIA
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CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

UNITED ARAB REPUBLIC
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

BANI SUWAYF PROBABLE AIR DEFENSE HQ 9
[REDACTED]

25X1A 29-11- [REDACTED] N 030-55- [REDACTED] E
[REDACTED]

STATUS: UNDER CONSTRUCTION

REMARKS:

THIS IS ONE OF TEN SIMILAR INSTALLATIONS UNDER CONSTRUCTION IN
EGYPT. CONSTRUCTION IS CONTINUING THROUGHOUT THE INSTALLATION.

25X1D

IMAGERY: [REDACTED]

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

25X1D

WADI ABU SHIHAT PROB AW RADAR FAC
[REDACTED]

25X1A 26-29- [REDACTED] N 027-06- [REDACTED] E
[REDACTED]

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

5.5 NM SW OF WADI ABU SHIHAT AIRFIELD.
INITIAL GROUND SCARRING FOR A PROBABLE AW RADAR FACILITY WAS
NEWLY OBSERVED. A RANGE AND AZIMUTH RADAR WAS IN A WADI
IMMEDIATELY WEST OF THE GROUND SCARRING.

25X1D

ELECTRONIC ORDER OF BATTLE:

[REDACTED]
1 RANGE AND AZIMUTH RADAR

25X1D

IMAGE DERIVED COORDINATES:

[REDACTED] 25X1D

IMAGERY: [REDACTED]

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TALENT-KEYHOLE
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UNITED ARAB REPUBLIC
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D RASHID SUSPECT SSM SITE

25X1A 31-23-//N 030-21-//E

STATUS: UNKNOWN

REMARKS:

NO SSM SITE WAS OBSERVED WITHIN 1 NM OF 31-23-//N 030-21-//E.
THE AREA IS AGRICULTURAL.

25X1D

IMAGERY:

HANDLE VIA TOP SECRET RUFF
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POLAND
AIR BASE FACILITIES

SIGNIFICANT RESULTS

BROCCZYNO AIRFIELD

25X1A

25X1D

25X1D

53-31- N 016-16- E

25X1D

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:
1 NM WSW OF BROCCZYNO,

25X1D

25X1D

25X1D

A RUNWAY HAS BEEN CONSTRUCTED WITHIN THE CONFINES OF THE SOD
LANDING AREA SINCE LAST REPORTED IN . THE
AIRFIELD CONSISTS OF A
WNW/ESE SERVICEABLE HARD-SURFACED RUNWAY WITH TWO
PARALLEL TAXIWAYS, TWO END-CONNECTING AND THREE CROSSOVER
LINKS, AND TWO PARKING APRONS. SUPPORT AND DISPERSAL AREAS ARE
PROBABLY ON THE WEST AND SOUTH SIDES OF THE RUNWAY AND
TAXIWAYS, BUT THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY
PRECLUDED A MORE DETAILED INTERPRETATION.

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE 25X1D

IMAGERY:

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ROMANIA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

CIMPULUNG MIL ACAD 001

47-31- [REDACTED] N 025-32- [REDACTED] E

25X1D

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

1 NM EAST OF CIMPULUNG.

THE NEWLY IDENTIFIED INSTALLATION CONTAINS ONE LARGE U-SHAPED
MULTISTORY SCHOOL OR ADMINISTRATION BUILDING, SIX MULTISTORY
BARRACKS, ONE BARRACKS OR MESSHALL, ONE SUPPORT BUILDING, THREE
VEHICLE SHEDS, ONE PROBABLE SMALL-ARMS FIRING RANGE, AND ONE
ATHLETIC FIELD.

25X1D

IMAGERY: [REDACTED]

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SAUDI ARABIA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

BIR HIRMAS AIRFIELD
[REDACTED]

25X1A

25X1D 25X1D
28-51-[REDACTED] N 036-16-[REDACTED] E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

1 NM SE OF BIR HIRMAS AND 15 NM SE OF THE SAUDI ARABIA/JORDAN BORDER.

THE NEWLY IDENTIFIED AIRFIELD CONSISTS OF A SINGLE 875 X 30-METER (2,870 X 100-FOOT) NW/SE SERVICEABLE NATURAL-SURFACE RUNWAY WITH A TURNAROUND AREA AT THE NW END AND A SMALL PARKING AREA NEAR THE SE END. SUPPORT FACILITIES CONSIST OF ONE LARGE PROBABLE STORAGE BUILDING AND FOUR SMALL BUILDINGS OR SHEDS. AT LEAST FOUR PIECES OF EQUIPMENT OR STACKS OF SUPPLIES WERE NEAR THE BUILDINGS.

25X1D

AIR ORDER OF BATTLE:
[REDACTED]

NONE DISCERNIBLE

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
250-JOG A, NH 37-13

25X1D

IMAGERY: [REDACTED]

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SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D ARTSIZ SAM SITE A24-3 25X1A 25X1D 25X1D
45-56- N 029-21- E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION: 25X1D
4 NM SW OF ARTSIZ.

THIS DESCRIPTION CONSOLIDATES THE CHANGES THAT HAVE OCCURRED
AT THE SITE SINCE [REDACTED] THE SITE NOW CONSISTS OF FOUR
REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND A
REVETTED MISSILE-HOLD POSITION.

IMAGERY: [REDACTED]

25X1D BARANO-ORENBURGSKOYE SAM SITE B13A-2 25X1A 25X1D 25X1D
44-10- N 131-45- E

STATUS:NEGATED

REMARKS:
THERE IS NO LONGER A SAM SITE AT THIS LOCATION. THE LAUNCH
AREA IS OVERGROWN WITH VEGETATION.

IMAGERY: [REDACTED]

25X1D BELGOROD-DNESTROVSKIY SAM SITE B25-2 25X1A 25X1D 25X1D
46-07- N 030-04- E

STATUS:OCCUPIED

25X1D PHYSICAL DESCRIPTION: 25X1A
12 NM SW OF BELGOROD-DNESTROVSKIY, AND ADJACENT TO
BELGOROD-DNESTROVSKIY SAM SUPPORT FACILITY [REDACTED].
THIS DESCRIPTION CONSOLIDATES THE CHANGES THAT HAVE OCCURRED AT
THE SITE SINCE [REDACTED] THE SITE NOW CONSISTS OF SIX
REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AT LEAST
ONE REVETTED MISSILE-HOLD POSITION, AND A STORAGE REVETMENT.

25X1D IMAGERY: [REDACTED]

HANDLE VIA ~~TOP SECRET RUFF~~
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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

BELGOROD-DNESTROVSKIY SAM SUPPORT FAC
[REDACTED]

25X1A

25X1D

25X1D

46-07-[REDACTED] N 030-04-[REDACTED] E
[REDACTED]

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

25X1D

7.7 NM NE OF KOLESNOYE.

THIS DESCRIPTION CONSOLIDATES THE CHANGES THAT HAVE OCCURRED AT THE FACILITY SINCE [REDACTED]. THE FACILITY NOW CONSISTS OF ONE LARGE DRIVE-THROUGH BUILDING, ONE SMALL DRIVE-THROUGH BUILDING, REVETTED BOOSTER, WARHEAD, AND FUZE STORAGE AREAS, ONE LARGE PROBABLE FIVE-BAY VEHICLE STORAGE BUILDING, AND ONE OTHER SUPPORT BUILDING.

25X1D

IMAGERY: [REDACTED]

25X1D

BEREZNIKI SAM SITE A19A-2
[REDACTED]

25X1A

25X1D

25X1D

59-15-[REDACTED] N 056-43-[REDACTED] E
[REDACTED]

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

9.3 NM SOUTH OF BEREZNIKI AND 1 NM NNW OF BEREZNIKI SAM SITE A19-2 [REDACTED].

THE NEWLY IDENTIFIED SITE IS SIMILAR TO KNOWN DUMMY SITES IN THE USSR AND CONSISTS OF SIX OCCUPIED REVETTED LAUNCH POSITIONS, AN UNRETTED GUIDANCE AREA, AND A PERIMETER ROAD.

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
0200-0156-1HL 3RDED SEP67

25X1D

IMAGERY: [REDACTED]

25X1D

BEREZNIKI SAM SITE B19-2
[REDACTED]

25X1A

25X1D

25X1D

59-13-[REDACTED] N 056-45-[REDACTED] E
[REDACTED]

STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:

10.7 NM SOUTH OF BEREZNIKI AND 1 NM SE OF BEREZNIKI SAM SITE A19-2 [REDACTED].

HANDLE VIA TOP SECRET RUFF
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SOVIET UNION
AIR DEFENSE MISSILES

THIS NEWLY IDENTIFIED SITE IS SIMILAR TO KNOWN DUMMY SAM SITES
IN THE USSR AND CONSISTS OF FIVE UNREVIEWED LAUNCH POSITIONS,
AN UNREVIEWED GUIDANCE AREA, AND TWO POSSIBLE UNREVIEWED
MISSILE-HOLD POSITIONS.

25X1D IMAGE DERIVED COORDINATES:
[REDACTED]

25X1D MAP SOURCE REFERENCE:
200-156-1HL 3RD ED SEP67

IMAGERY: [REDACTED]

25X1D BRODY MRBM COMPLEX SAM SITE B18-2
[REDACTED]

25X1A

25X1D

25X1D

50-03-[REDACTED] N 025-05-[REDACTED] E

STATUS:OCCUPIED

25X1D

25X1D REMARKS:
FOUR POSSIBLY REVIEWED SHELTERS ARE ALONG THE NEW LOOP ROAD IN
AN AREA REPORTED UNDER CONSTRUCTION IN [REDACTED]
[REDACTED]. TWO OF THE MISSILE-HOLD POSITIONS ARE OF THE
BEAM TYPE. 25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

BURNOYE SAM SITE B36-2
[REDACTED]

42-48-[REDACTED] N 070-45-[REDACTED] E

25X1A

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:
11.5 NM NORTH OF BURNOYE AND 6.3 NM NORTH OF BURNOYE SAM SITE
A36-2 [REDACTED].
THE NEWLY IDENTIFIED SITE CONSISTS OF SIX UNREVIEWED LAUNCH
POSITIONS AND AN UNREVIEWED GUIDANCE AREA. THE PERIMETER AND
INNER ROAD PATTERNS WERE POORLY DEFINED. THE SITE IS SIMILAR
IN APPEARANCE TO FIELD-DEPLOYED SITES OBSERVED IN THE SOVIET
UNION.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200-328-8, 250-1505,

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25X1D

SOVIET UNION
AIR DEFENSE MISSILES

IMAGERY: [REDACTED]

25X1D

CHERNOVTSY SAM SUPPORT FACILITY

25X1A

25X1D

25X1D

48-46-[REDACTED] N 026-02-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:

A NEW UKRAINA-TYPE REVETMENT HAD BEEN CONSTRUCTED ADJACENT TO THE NW END OF THE FACILITY. A POSSIBLE VEHICLE STORAGE BUILDING MAY HAVE BEEN UNDER CONSTRUCTION WITHIN THE REVETMENT. A PROBABLE SECURITY BUILDING HAD BEEN CONSTRUCTED AT THE ENTRANCE TO THE SECURED AREA OF THE REVETMENTS. FIVE POSSIBLE VEHICLES OCCUPIED THE UKRAINA REVETMENT ON [REDACTED]

25X1D

GROUND FORCE ORDER OF BATTLE:

25X1D

5 POSS VEHICLES (IN UKRAINA
REVETMENT)
VEHICLES/PIECES OF EQUIP
(NUMEROUS, IN FAC)

25X1D

IMAGERY: [REDACTED]

25X1A

25X1D

25X1D

CHIMKENT SAM SITE B29A-2

42-24-[REDACTED] N 069-13-[REDACTED] E

25X1D

STATUS: UNOCCUPIED

PHYSICAL DESCRIPTION:

17.2 NM WNW OF CHIMKENT.

THE NEWLY IDENTIFIED SITE CONSISTS OF SIX IRREGULARLY REVETTED LAUNCH POSITIONS AND AN UNREVETTED GUIDANCE AREA. THREE SHALLOW DRIVE-IN REVETMENTS ARE OUTSIDE OF THE PERIMETER ROAD. THE SITE IS SIMILAR TO KNOWN DUMMY SITES IN THE USSR.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-328-12

25X1D

IMAGERY: [REDACTED]

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D DNEPROPETROVSK ABM SEARCH 25X1A 48-28-//N 035-02-//E

STATUS:UNKNOWN

REMARKS:
NO MOSCOW-TYPE ABM ACTIVITY WAS OBSERVED. 25X1D

IMAGERY:

25X1D DONETSK ABM SEARCH 25X1A 48-00-//N 037-47-//E

STATUS:UNKNOWN

REMARKS:
NO ABM ACTIVITY WAS OBSERVED.

25X1D IMAGERY:

25X1D GORKIY ABM SEARCH 25X1A 56-15-//N 043-53-//E

STATUS:UNKNOWN

REMARKS:
NO NEW ABM ACTIVITY WAS OBSERVED. 25X1D

IMAGERY:

IMAGERY:

IMAGERY:

25X1D GORKIY SAM SITE C34A-2 25X1A 56-38-//N 043-39-//E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:
22 NM NNW OF GORKIY AND 3.5 NM SOUTH OF GORKIY SAM SITE

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SOVIET UNION
AIR DEFENSE MISSILES

25X1A

25X1D

C35-2 [REDACTED].
THIS DESCRIPTION CONSOLIDATES THE CHANGES THAT HAVE OCCURRED AT
THE SITE SINCE [REDACTED]. THE SITE CONSISTS OF SIX
REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, THREE
REVETTED MISSILE-HOLD POSITIONS, AND TWO C-SHAPED EQUIPMENT
REVETMENTS. THE ON-SITE SUPPORT AREA CONSISTS OF ONE BUILDING.
AN ADJACENT LINK-CONFIGURATION SAM SITE WAS OBSERVED, BUT IT
LACKED CLEARED OR REVETTED LAUNCH POSITIONS AND HAS NOT BEEN
TARGETED. 25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

25X1D

GRANOV IRBM COMPLEX SAM SITE B12-2
[REDACTED]

25X1A 48-47-[REDACTED] N 029-49-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:
15.5 NM SE OF GRANOV.

25X1D

THIS DESCRIPTION CONSOLIDATES THE CHANGES THAT HAVE OCCURRED
AT THE SITE SINCE [REDACTED]. THE STAR-CONFIGURED SITE CONSISTS
OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA,
THREE PROBABLE BEAM-TYPE MISSILE-HOLD REVETMENTS, A REVETTED
ACQUISITION RADAR POSITION, ONE REVETTED BUILDING, AND TWO
POSSIBLE FUEL OR OXIDIZER SERVICE POINTS. ON-SITE SUPPORT
CONSISTS OF AT LEAST EIGHT BUILDINGS. 25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

25X1D

KOSTROMA SAM SITE B06-2
[REDACTED]

25X1A 58-11-[REDACTED] N 041-39-[REDACTED] E
[REDACTED]

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

25X1A

34 NM NE OF KOSTROMA AND 2.6 NM SOUTH OF KOSTROMA ICBM COMPLEX
SAM SITE B05-2 [REDACTED].

THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS AND A REVETTED GUIDANCE AREA. THE INNER SERVICE
ROADS, THE GUIDANCE AREA, AND THE SIX LAUNCH POSITIONS HAD BEEN
CLEARED OF SNOW.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

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SOVIET UNION
AIR DEFENSE MISSILES

MAP SOURCE REFERENCE:
0200-0154-14HL 25X1D

IMAGERY: [REDACTED]

25X1A

25X1D

25X1D

25X1D

KOTOVSK SAM SUPPORT FACILITY
[REDACTED] NAC

47-45- [REDACTED] N 029-57- [REDACTED] E

STATUS: OPERATIONAL

REMARKS:
THE UKRAINA REVETMENT WAS OCCUPIED BY UNIDENTIFIED EQUIPMENT.

25X1D

IMAGERY: [REDACTED]

25X1A

25X1D

25X1D

25X1D

KYSHTYM SAM SITE C12-02
[REDACTED]

55-35- [REDACTED] N 061-06- [REDACTED] E

STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:
25 NM SSE OF KASLI AND 2 NM ESE OF KYSHTYM SAM SITE B12-2 (BE
[REDACTED])

THE NEWLY IDENTIFIED SA-2 SITE, UNDER CONSTRUCTION, APPEARS TO
BE SIMILAR TO OTHER KNOWN DUMMY SAM SITES IN THE USSR. THE SITE
CONSISTS OF PARTIALLY COMPLETED INNER SERVICE AND PERIMETER
ROADS, AN UNREVIEWED GUIDANCE AREA, AND A PROBABLE ACQUISITION
RADAR POSITION. THE LAUNCH POSITIONS WERE NOT EVIDENT. SEVERAL
VEHICLES OR PIECES OF EQUIPMENT WERE PARKED NEAR THE LAUNCH
SITE.

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200,0164-3HL 25X1D

IMAGERY: [REDACTED]

25X1A

25X1D

25X1D

25X1D

LENINGRAD SAM SITE C25A-2
[REDACTED]

59-45- [REDACTED] N 029-34- [REDACTED] E

STATUS: OCCUPIED

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AIR DEFENSE MISSILES

25X1A

PHYSICAL DESCRIPTION:

25.8 NM WSW OF LENINGRAD AND 914 METERS (3,000 FEET) EAST OF
LENINGRAD SAM SITE C25-2 [REDACTED].

THE NEWLY IDENTIFIED FAN CONFIGURATION SITE IS OUTLINED BY
TREES AND CONSISTS OF SIX UNRETTED LAUNCH POSITIONS AND AN
UNRETTED GUIDANCE AREA. THREE LAUNCH POSITIONS ARE
SURROUNDED BY TREES AND THE SITE ACCESS AND SERVICE ROAD WERE
POORLY CONSTRUCTED. ONLY TWO LAUNCH POSITIONS WERE OCCUPIED,
POSSIBLY BY DUMMY EQUIPMENT.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-0153-4HL

25X1D

IMAGERY:

25X1D

LIDA MRBM COMPLEX SAM SITE A29-2

25X1A

25X1D

25X1D

53-53-[REDACTED] N 025-14-[REDACTED] E

STATUS:UNOCCUPIED

REMARKS:

FOUR OF THE SIX LAUNCH POSITIONS AND REVETMENTS HAD BEEN
REMOVED. NO SA-2 EQUIPMENT WAS DISCERNIBLE. THE SITE WAS
PROBABLY BEING CONVERTED INTO A COMMUNICATIONS FACILITY.

25X1D

IMAGERY:

25X1D

MIASS SAM SITE B15A-2

25X1A

25X1D

25X1D

54-48-[REDACTED] N 060-17-[REDACTED] E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

12.6 NM SSE OF MIASS AND 0.9 NM SSE OF MIASS SAM SITE B15-2 (BE
[REDACTED]).

THE NEWLY IDENTIFIED SITE, SIMILAR TO KNOWN DUMMY SAM SITES IN
THE USSR, CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND AN
UNRETTED GUIDANCE AREA. IT HAS AN IRREGULAR INNER SERVICE
ROAD PATTERN AND IS SMALLER IN DIAMETER THAN A TYPICAL SA-2
SITE.

25X1D

IMAGE DERIVED COORDINATES:

HANDLE VIA
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SOVIET UNION
AIR DEFENSE MISSILES

MAP SOURCE REFERENCE:
0200-0164-7HL 3RD ED JULY 70

25X1D

IMAGERY:

25X1D

25X1D

25X1D MOSKVA SAM SITE B31-2
NAC

25X1A

55-54-N 037-18-E

STATUS:OCCUPIED

25X1D

IMAGERY:

25X1D

25X1D

25X1D MURMANSK SAM SITE C02-2
NAC

25X1A

69-22-N 033-28-E

STATUS:OCCUPIED

REMARKS:

25X1D FIVE ALTERNATE POSITIONS WERE OCCUPIED AND ONE REVETTED
POSITION WAS OCCUPIED. THE OTHER FIVE REVETTED POSITIONS WERE
SNOW-FILLED.

IMAGERY:

25X1D

25X1D

25X1D MURMANSK SAM SITE C02-3
NAC

25X1A

69-23-N 033-27-E

25X1D STATUS:OCCUPIED

IMAGERY:

25X1D

25X1D

25X1D NIKOLAYEV SAM SITE A25-3

25X1A

46-55-N 031-54-E

STATUS:OCCUPIED

25X1D

REMARKS:

ON-SITE SUPPORT CONSISTS OF THREE LARGE AND AT LEAST FOUR
SMALLER SUPPORT BUILDINGS. CONSTRUCTION STATUS OF A BUILDING
REPORTED UNDER CONSTRUCTION IN , COULD
NOT BE DETERMINED. PILES OF EARTH OR GRAVEL ON TWO OF THE
INNER SERVICE ROADS OF THE SITE AND THE SERVICE ROAD OF THE
ON-SITE SUPPORT AREA INDICATE PROBABLE FUTURE ROAD IMPROVEMENT

HANDLE VIA TOP SECRET RUFF
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

SOVIET UNION
AIR DEFENSE MISSILES

AT THE FACILITY. 25X1D

IMAGERY: [REDACTED]

25X1D

NIKOLAYEV SAM SITE B34-2

25X1A

47-07- [REDACTED] N 031-53- [REDACTED] E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

25X1A

10 NM NW OF NIKOLAYEV AND 1.6 NM SW OF NIKOLAYEV SAM SITE B35-2

A NEWLY IDENTIFIED SA-2 SITE WAS STILL UNDER CONSTRUCTION. THE SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA. TWO LAUNCH POSITIONS WERE SMALLER THAN THE OTHERS.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200, 0250-9HL 25X1D

IMAGERY: [REDACTED]

25X1D

ODESSA SAM SITE A05-2
[REDACTED] NAC

25X1A

46-34- [REDACTED] N 030-52- [REDACTED] E

25X1D

25X1D

STATUS: OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

ODESSA SAM SITE A05-3
[REDACTED] NAC

25X1A

46-34- [REDACTED] N 030-52- [REDACTED] E

25X1D

STATUS: OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D

ODESSA SAM SITE A28-2
[REDACTED] NAC

25X1A

46-28- [REDACTED] N 030-29- [REDACTED] E

25X1D

25X1D

STATUS: OCCUPIED

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

IMAGERY: [REDACTED]

25X1D
ODESSA SAM SITE A28-3
[REDACTED] NAC

25X1A 25X1D 25X1D
46-29- [REDACTED] N 030-29- [REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D
ODESSA SAM SITE A32-3
[REDACTED] NAC

25X1A 25X1D 25X1D
46-32- [REDACTED] N 030-37- [REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D
ODESSA SAM SITE B35-3
[REDACTED] NAC

25X1A 25X1D 25X1D
46-39- [REDACTED] N 030-40- [REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1D

IMAGERY: [REDACTED]

25X1D
ORSHA SAM SITE A18-2
[REDACTED]

25X1A 25X1D 25X1D
54-25- [REDACTED] N 030-24- [REDACTED] E
[REDACTED]

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

25X1A

3.1 NM SOUTH OF ORSHA SAM TRAINING SITE A17-2 [REDACTED].
THE NEWLY IDENTIFIED SITE UNDER CONSTRUCTION CONSISTED OF SIX
RENETTED LAUNCH POSITIONS AND A RETNETTED GUIDANCE AREA, ALL IN
MID TO LATE STAGES OF CONSTRUCTION.

25X1D
IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:

200-M0167-6HL 4THED JAN 68

25X1D
IMAGERY: [REDACTED]

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D 25X1A 25X1D 25X1D
PENZA SAM SITE B26A-2 53-08- [REDACTED] N 044-41- [REDACTED] E

STATUS: UNDER CONSTRUCTION

25X1A PHYSICAL DESCRIPTION:
12.4 NM WSW OF PENZA AND 0.6 NM NNW OF PENZA SAM SITE B26-2 (BE
[REDACTED]
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF A STAR-CONFIGURED
ROAD PATTERN AND TWO MISSILE-HOLD POSITIONS. NO REVETMENTS
WERE OBSERVED. THIS SITE RESEMBLES KNOWN DUMMY SITES WITHIN
25X1D THE USSR.

IMAGE DERIVED COORDINATES:
[REDACTED]

25X1D MAP SOURCE REFERENCE:
200-166-19HL 3RD ED MAR68

IMAGERY: [REDACTED]

25X1D 25X1A 25X1D 25X1D
PLESETSK SAM SITE B24-2 62-44- [REDACTED] N 040-05- [REDACTED] E

STATUS: UNOCCUPIED

25X1D 25X1A
PHYSICAL DESCRIPTION:
6 NM WNW OF PLESETSK AND 1.5 NM EAST OF PLESETSK ICBM COMPLEX
SAM SITE C24-2 [REDACTED]
THE NEWLY IDENTIFIED SA-2 SITE CONSISTS OF SIX REVETTED LAUNCH
POSITIONS AND AN UNRETVETTED GUIDANCE AREA, ALL OF WHICH WERE
25X1D SNOW COVERED.

IMAGE DERIVED COORDINATES:
[REDACTED]

25X1D MAP SOURCE REFERENCE:
0200-0102-9HL 5THED MAR68

IMAGERY: [REDACTED]

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D 25X1D 25X1D
25X1A 25X1D 25X1D
25X1D PODPOROZHYE SAM SITE B03-2 61-05- N 034-21- E
NAC

STATUS:NEGATED

25X1D 25X1D 25X1D
REMARKS: 25X1D 25X1D
THERE IS NO EVIDENCE OF A SAM SITE AT 61-05- N 034-21- E. THE
AREA IS BECOMING OVERGROWN WITH VEGETATION.

25X1D
IMAGERY:

25X1D 25X1D 25X1D
25X1A 25X1D 25X1D
25X1D PRUZHANY MRBM COMPLEX SAM SITE B10-3 52-31- N 024-31- E
NAC

25X1D
STATUS:OCCUPIED

25X1D
IMAGERY:

25X1D 25X1D 25X1D
25X1A 25X1D 25X1D
25X1D ROSTOV ABM SEARCH 47-13- N 039-42- E

STATUS:UNKNOWN

25X1D
REMARKS:
NO ABM ACTIVITY WAS OBSERVED.

IMAGERY:

25X1D 25X1D 25X1D
25X1A 25X1D 25X1D
25X1D SVERDLOVSK SAM SITE B13A-2 56-44- N 060-53- E

STATUS:OCCUPIED

25X1A
PHYSICAL DESCRIPTION:

11 NM SSE OF SVERDLOVSK 1 NM NORTH OF SVERDLOVSK SAM SITE B13-2

THE NEWLY IDENTIFIED SA-2 SITE IS SIMILAR IN APPEARANCE TO
OTHER KNOWN DUMMY SAM SITES IN THE USSR. THE SITE CONSISTS OF
SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND
TWO REVETTED MISSILE-HOLD POSITIONS. THE LAUNCH POSITIONS AND
PERIMETER ROAD WERE CLEAR OF SNOW.

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200-M0156-23HL 25X1D

IMAGERY: [REDACTED]

25X1D SVERDLOVSK SAM SITE B13B-2
[REDACTED]

25X1A 25X1D 25X1D
56-44-[REDACTED] N 060-53-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1A
PHYSICAL DESCRIPTION:
11 NM SSE OF SVERDLOVSK AND 200 METERS (656 FEET) NORTH OF
SVERDLOVSK SAM SITE B13A-2 [REDACTED].
THE NEWLY IDENTIFIED FIELD-DEPLOYED SITE CONSISTS OF SIX
UNRETTED LAUNCH POSITIONS AND AN UNRETTED GUIDANCE AREA.
THE PERIMETER AND INNER SERVICE ROAD PATTERNS WERE POORLY
DEFINED. THE LAUNCH POSITIONS WERE OCCUPIED AND SEVERAL
VAN-LIKE VEHICLES WERE PARKED IN THE GUIDANCE AREA.

25X1D IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200-M0156-23HL 4THED NOV66

25X1D IMAGERY: [REDACTED]

25X1D TOROPETS SAM SITE C18-2
[REDACTED]

25X1A 25X1D 25X1D
56-10-[REDACTED] N 031-44-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:
19.5 NM SOUTH OF TOROPETS.
A CONSOLIDATED DESCRIPTION OF THE CHANGES THAT HAVE OCCURRED AT
THIS SITE IN THE PAST FIVE YEARS FOLLOWS. THE SITE CONSISTS OF
SIX RETTTED LAUNCH POSITIONS, A RETTTED GUIDANCE AREA, THREE
RETTED AND COVERED MISSILE-HOLD POSITIONS, A MISSILE-READY
BUILDING OR BUNKER SERVING ONE LAUNCH POSITION, AND THREE
BEAM-TYPE MISSILE-HOLD POSITIONS. THE ON-SITE SUPPORT AREA
CONSISTS OF EIGHT BUILDINGS.

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1A

25X1D

25X1D

25X1D

CHERNOVTSY SAM SITE A31-2
[REDACTED] NAC

48-23-[REDACTED] N 025-45-[REDACTED] E

STATUS:UNOCCUPIED 25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

ODESSA SAM SUPPORT FACILITY
[REDACTED] NAC

46-32-[REDACTED] N 030-38-[REDACTED] E

STATUS:OPERATIONAL 25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

VLADIVOSTOK SAM SUPPORT FACILITY 5
[REDACTED] NAC

42-49-[REDACTED] N 131-16-[REDACTED] E

STATUS:OPERATIONAL

25X1D

MISSILE ORDER OF BATTLE:

[REDACTED]

NONE DISCERNIBLE 25X1D

IMAGERY: [REDACTED]

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SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

ARTEM AW RADAR FACILITY

25X1D 25X1D
25X1A 43-16- N 132-09- E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

4 NM SOUTH OF ARTEM.

THIS NEWLY IDENTIFIED RADAR FACILITY CONTAINS TWO RANGE AND
AZIMUTH RADARS AND TWO HEIGHT-FINDING RADARS. FOUR VANS WERE
PARKED IN A REVETMENT BETWEEN THE FOUR RADAR POSITIONS. FOUR
ADDITIONAL VANS WERE PARKED IMMEDIATELY EAST OF THE REVETMENT.
ONE BUILDING WAS NEWLY CONSTRUCTED ALONG THE ACCESS ROAD AND
ONE BUILDING WAS UNDER CONSTRUCTION WITHIN THE FACILITY.

25X1D

ELECTRONIC ORDER OF BATTLE:

4 RADARS

25X1D

ASSOCIATED OBJECTS:

8 VANS

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-291-1HL

25X1D

IMAGERY:

25X1D

KALUGA TV REL A FM BC STA

25X1D 25X1D
25X1A 54-31- N 036-15- E

STATUS: UNKNOWN

REMARKS:

THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF
THE INSTALLATION.

25X1D

IMAGERY:

IMAGERY:

HANDLE VIA
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SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

25X1D

PERM AW RADAR FAC

25X1D

25X1D

25X1A 58-01- N 056-30- E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

9 NM ENE OF PERM.

THE NEWLY IDENTIFIED UNSECURED FACILITY CONSISTS OF FOUR
OCCUPIED RADAR MOUNDS AND TWO COVERED DRIVE-IN REVETMENTS.

25X1D

ELECTRONIC ORDER OF BATTLE:

2 PROB BACK NET

2 PROB SIDE NET

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200,0156-11HL

25X1D

IMAGERY:

25X1D

PERVOMAYSK RADCOM STA

25X1D

25X1D

25X1A 48-10- N 030-58- E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

9 NM NE OF PERVOMAYSK.

THE NEWLY IDENTIFIED SECURED HF RADIO COMMUNICATIONS FACILITY
CONSISTS OF A CONTROL BUILDING, AN ADMINISTRATION-TYPE
BUILDING, A VEHICLE SHED, AND SIX SUPPORT BUILDINGS. THE TYPE
AND DIRECTION OF ANTENNA ARE UNDETERMINED.

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-M0233-24HL 4TH ED FEB 69 25X1D

IMAGERY:

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SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

25X1D 25X1A 25X1D 25X1D
ZVENIGOROD OPTICAL TRACKING FAC SEARCH 55-41- N 036-46- E
[REDACTED]

STATUS: UNKNOWN

25X1D 25X1D
REMARKS:
NO OPTICAL TRACKING FACILITY WAS OBSERVED AT 55-41- N
036-46- E. A SMALL UNIDENTIFIED TOWER IS APPROXIMATELY 100
METERS (330 FEET) NORTH OF THE REFERENCED GEOGRAPHIC
COORDINATES.

IMAGERY: [REDACTED]

25X1D 25X1A 25X1D 25X1D
ZYRYANKA AW RADAR FACILITY 65-43- N 150-47- E
[REDACTED]

STATUS: OCCUPIED

25X1D 25X1D
REMARKS:
THE LARGE MOUND ORIGINALLY REPORTED IN [REDACTED]
[REDACTED] WAS OCCUPIED.

25X1D
ELECTRONIC ORDER OF BATTLE:

25X1D
1 POSS BAR LOCK-TYPE RADAR 3 VEHICLES/PIECES OF EQUIP

IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D 25X1A 25X1D 25X1D
ISAKOGORKA DF FACILITY KRUG 64-24- N 040-40- E
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL 25X1D

IMAGERY: [REDACTED]

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SOVIET UNION
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D
ENGELS AIRFIELD
[REDACTED] NAC

25X1D 25X1D
25X1A 51-28-[REDACTED] N 046-12-[REDACTED] E

STATUS: OPERATIONAL 25X1D

RMK: A CONTINUING ANALYSIS OF THE PHOTOGRAPHY FROM THIS MISSION INDICATES THAT ON [REDACTED] THERE WERE 31 BISON RATHER THAN 17 AS REPORTED EARLIER IN IPIR 10 (OAK SUPPLEMENT PART VIII).

25X1D
AIR ORDER OF BATTLE:
[REDACTED]
31 BISON 4 CAB
18 SMALL SWEEP-WING 1 COLT
1 CAT/CUB

25X1D
[REDACTED]
45 BISON 3 CAB
8 SMALL SWEEP-WING 1 COLT
3 CAT/CUB 25X1D

IMAGERY: [REDACTED]

IMAGERY: [REDACTED]

25X1D 25X1D 25X1D
KISHINEV AIRFIELD SOUTHEAST 25X1A 46-55-[REDACTED] N 028-56-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:
CONSTRUCTION WAS CONTINUING ON THE OPERATIONS AND TERMINAL BUILDING, THE PARKING APRON, AND A TAXIWAY LEADING TO THE NEW PARKING APRON.

AIR ORDER OF BATTLE:
[REDACTED]
8 MEDIUM STRAIGHT-WING

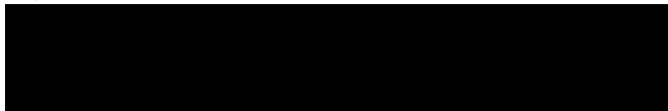
25X1D 25X1D
[REDACTED]
3 CAT/CUB 3 CRATE
4 COKE 3 COLT

TCS-20224/71 - IPIR 21
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SOVIET UNION
AIR BASE FACILITIES

25X1D

IMAGERY:



IMAGERY:

25X1A

25X1D

25X1D

KRASNOYARSK AIRFIELD

56-02- N 092-54- E

STATUS: OPERATIONAL

REMARKS:

THE REPORTED OB REPRESENTS AN INCREASE OVER THAT NORMALLY
PRESENT AT THE AIRFIELD.

AIR ORDER OF BATTLE:

3 CAT/CUB

22 COOT

6 CRATE

4 CAB

8 LIGHT STRAIGHT-WING

1 COLT

6 SMALL STRAIGHT-WING

2 MEDIUM HELICOPTERS

IMAGERY:



25X1A

25X1A

25X1A

MONCHEGORSK AIRFIELD

NAC

67-59- N 033-01- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

37 LIGHT STRAIGHT-WING

11 LIGHT SWEPT-WING

IMAGERY:



25X1A

25X1A

25X1A

RAUKHOVKA AIRFIELD

NAC

47-08- N 030-47- E

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

8 LIGHT STRAIGHT-WING

1 POSS HOUND

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SOVIET UNION
AIR BASE FACILITIES

2 CLOD

25X1A

3 COLT

4 POSS HELICOPTERS

7 SMALL STRAIGHT-WING

25X1A

IMAGERY:

IMAGERY:

IMAGERY:

25X1A

SIVERSKIY AIRFIELD

25X1D

59-21-N 030-02-E

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

ALTHOUGH NO FIGHTER AIRCRAFT WERE SEEN, AIRCRAFT MAY BE IN
SOME OF THE 40 HANGARETTES WHICH HAD BEEN COMPLETED.

25X1A

AIR ORDER OF BATTLE:

1 CAMEL

5 CAB

2 PROB COKE

25X1A

IMAGERY:

IMAGERY:

25X1A

25X1A

SMOLENSK AIRFIELD

NAC

25X1D

54-49-N 032-01-E

25X1A

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

5 MEDIUM STRAIGHT-WING

7 PROB SMALL STRAIGHT-WING

8 SMALL STRAIGHT-WING

4 PROB AIRCRAFT

25X1A

18 POSS FARMER

4 CRATE

5 CAT/CUB

4 CAB

2 COKE

1 COLT

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SOVIET UNION
AIR BASE FACILITIES

25X1D

IMAGERY:

IMAGERY:

25X1D

STARAYA RUSSA AIRFIELD

25X1A

25X1D

25X1D

57-57- N 031-22- E

STATUS: OPERATIONAL

25X1A

25X1D

25X1D

REMARKS:

THE RUNWAY AND TAXIWAY HAD BEEN CLEARED OF SNOW. THE 41 MEDIUM
TRANSPORT AIRCRAFT OBSERVED ON REPRESENT AN INCREASE
OF 12 OVER THE 29 MEDIUM TRANSPORTS OBSERVED ON

25X1D

AIR ORDER OF BATTLE:

41 CAT/CUB/CAMP

25X1D

37 CAT/CUB/CAMP

25X1D

IMAGERY:

IMAGERY:

25X1A

25X1D

25X1D

25X1D

UGLOVOYE AIRFIELD NORTHWEST

43-20- N 132-03- E

STATUS: OPERATIONAL

REMARKS:

TWENTY COMPLETED HANGARETTES WERE AT THE AIRFIELD. IN
ADDITION, SIX HANGARETTES UNDER CONSTRUCTION WERE JUST NW OF
THE MAIN RUNWAY.

25X1D

AIR ORDER OF BATTLE:

3 PROB SMALL DELTA-WING

3 SMALL STRAIGHT-WING

6 SMALL SWEEP-WING

3 MEDIUM HELICOPTERS

1 LIGHT STRAIGHT-WING

11 PROB AIRCRAFT

25X1D

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SOVIET UNION
AIR BASE FACILITIES

5 SMALL DELTA-WING
34 SMALL SWEEP-WING
1 CAB 25X1D

1 CLOD
3 COLT
2 MEDIUM HELICOPTERS

IMAGERY:

IMAGERY:

25X1D

25X1A

25X1D

25X1D

UVELSKIY AIRFIELD

54-22- N 061-21- E

STATUS: OPERATIONAL

REMARKS:

THE RUNWAYS AND TAXIWAYS WERE SNOW COVERED.

25X1D

AIR ORDER OF BATTLE:

7 PROB COKE
8 CRATE
17 LIGHT STRAIGHT-WING

8 HOOK
13 PROB HOUND

IMAGERY:

25X1D

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SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1A

25X1D

25X1D

ANAPA TNG AREA NW 1
[REDACTED]

44-59-[REDACTED] N 037-14-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

REMARKS:

ADDITIONAL FACILITIES NOT PREVIOUSLY REPORTED INCLUDE A BARRACKS AREA, A BIVOUAC AREA, AND A SUPPORT AREA. THE BARRACKS AREA CONTAINS ONE U-SHAPED ADMINISTRATION-TYPE BUILDING, TWO VEHICLE STORAGE SHEDS, FOUR BARRACKS-TYPE BUILDINGS, AND 11 SMALL SUPPORT BUILDINGS. THE BIVOUAC AREA CONTAINS APPROXIMATELY 55 TENTS. THE SUPPORT AREA CONTAINS TWO SMALL SQUARE BUILDINGS, 27 UNIDENTIFIED RECTANGULAR STRUCTURES, AND ONE LONG SINGLE-STORY SUPPORT BUILDING.

25X1D

GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

ARKHANGELSK ARMY BKS N AL 1
[REDACTED]

64-33-[REDACTED] N 040-32-[REDACTED] E
[REDACTED]

STATUS:UNKNOWN

REMARKS:

THE AREA COULD NOT BE IDENTIFIED AS MILITARY ON THE SMALL-SCALE PHOTOGRAPHY.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

AYAGUZ ARMY BKS NORTH AL 3
[REDACTED] NAC

47-58-[REDACTED] N 080-26-[REDACTED] E
[REDACTED]

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

[REDACTED]
200 VEHICLES/PIECES OF
EQUIP (AT LEAST)

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SOVIET UNION
GROUND FORCE FACILITIES

25X1D

IMAGERY: [REDACTED]

25X1D

25X1A

25X1D

25X1D

BELTSY SUS COMMAND/CONTROL FAC NE
[REDACTED]

47-59-[REDACTED] N 028-13-[REDACTED] E

STATUS: UNDER CONSTRUCTION

25X1D

REMARKS:

SINCE [REDACTED] BACKFILLING AROUND THE LARGE
CONCRETE BUILDING WAS IN PROGRESS, THE MULTISTORY BARRACKS
PREVIOUSLY REPORTED UNDER CONSTRUCTION HAD BEEN COMPLETED, AND
A THIRD MULTISTORY BARRACKS WAS IN A MIDSTAGE OF CONSTRUCTION.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

25X1D

BELTSY SUSPECT COMMAND/CONTROL FAC
[REDACTED]

25X1A

47-45-[REDACTED] N 028-09-[REDACTED] E

STATUS: UNDER CONSTRUCTION

REMARKS:

BACKFILLING ON THE LARGE CONTROL BUILDING WAS NEARLY COMPLETE.

25X1D

IMAGERY: [REDACTED]

25X1D

25X1D

25X1D

GRODNO ARMY BKS E AL 1
[REDACTED]

25X1A

53-40-[REDACTED] N 023-50-[REDACTED] E

STATUS: OCCUPIED

REMARKS:

THE CONSTRUCTION ACTIVITY, REPORTED SINCE [REDACTED]
[REDACTED] HAD APPARENTLY CEASED.

25X1D

25X1D

GROUND FORCE ORDER OF BATTLE:

40 VEHICLES/PIECES OF EQUIP
(AT LEAST)

IMAGERY: [REDACTED]

25X1D

25X1D

HANDLE VIA TOP SECRET RUFF
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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SOVIET UNION
GROUND FORCE FACILITIES

25X1D

25X1A

25X1D

25X1D

GRODNO ARMY BKS KELBASIN AL 6

53-38- N 023-46- E

STATUS:OCCUPIED

REMARKS:

25X1D

CONSTRUCTION REPORTED IN HAD APPARENTLY BEEN COMPLETED. NEW CONSTRUCTION ACTIVITY INCLUDED ONE PROBABLE STORAGE BUILDING EXTERNALLY COMPLETE AND THREE MORE UNDER CONSTRUCTION NEAR THE AMMUNITION STORAGE AREA. THIS ENTIRE INSTALLATION APPEARED TO BE WALL SECURED. THE LACK OF OB IS UNUSUAL,

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

25X1D

25X1A

25X1D

25X1D

KODYMA SUS MILITARY INST

48-05- N 029-07- E

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

ON THE EASTERN EDGE OF KODYMA. THE PREVIOUSLY UNREPORTED INSTALLATION CONSISTS OF A WALLED BARRACKS OR ADMINISTRATION OR SUPPORT AREA AND A DOUBLE-FENCED VEHICLE STORAGE AREA. THE BARRACKS AREA CONTAINS FOUR BARRACKS, TWO OF WHICH ARE MULTISTORY AND C-SHAPED, A T-SHAPED ADMINISTRATION BUILDING, A MESSHALL, FIVE VEHICLE STORAGE BUILDINGS, ONE LARGE POSSIBLE VEHICLE MAINTENANCE BUILDING UNDER CONSTRUCTION, A POL STORAGE AREA WITH SIX BUILDINGS, A HEATING PLANT, AND SIX SUPPORT BUILDINGS. THE VEHICLE STORAGE AREA CONTAINS EIGHT VEHICLE STORAGE BUILDINGS AND SEVEN SUPPORT BUILDINGS.

25X1D

GROUND FORCE ORDER OF BATTLE:

-- IN BARRACKS AREA
30 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

IMAGERY:

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SOVIET UNION
GROUND FORCE FACILITIES

25X1D

KOLBASNA AMMUNITION DEPOT SOUTH

25X1A 25X1D 25X1D
47-45- N 029-12- E

STATUS:OCCUPIED

25X1D

REMARKS:

25X1D

THE STACKS OF BUILDING MATERIAL OBSERVED BETWEEN THE TWO NEW
ARCH-ROOFED BUILDINGS IN HAD BEEN
REMOVED. CONSTRUCTION OF THE ARCH-ROOFED BUILDINGS APPEARED TO
BE UNCHANGED SINCE EXCEPT THAT THE ROOF OF ONE BUILDING
HAD PROBABLY BEEN TARRED.

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

25X1D

KURSK ARMY BARRACKS NORTH AL 2
NAC

25X1A 25X1D 25X1D
51-45- N 036-11- E

STATUS:OCCUPIED

REMARKS:

THE MAZ-537 TRACTORS REMAINED IN THE SAME PARKING AREAS AS
REPORTED PREVIOUSLY.

25X1D

GROUND FORCE ORDER OF BATTLE:

150 PROB MAZ-537 TRACTORS
(AT LEAST)

25X1D

150 PROB LOWBED TRAILERS
(AT LEAST)

IMAGERY:

IMAGERY:

25X1D

OMSK TNG AREA 1 SOUTH

25X1A 25X1D 25X1D
54-51- N 073-22- E

STATUS:OPERATIONAL

REMARKS:

THE TRAINING AREA APPEARED TO BE IN LIMITED USE.

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SOVIET UNION
GROUND FORCE FACILITIES

25X1D

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

IMAGERY:

25X1D

SEMIPALATINSK ARMY BKS AL 1

25X1A

50-23- N 080-11- E

STATUS:OCCUPIED

REMARKS:

CONSTRUCTION WAS CONTINUING AT A SLOW TO MODERATE PACE. TWO
VEHICLE SHEDS HAD BEEN COMPLETED IN THE VEHICLE STORAGE AREA.

25X1D

GROUND FORCE ORDER OF BATTLE:

700 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

IMAGERY:

IMAGERY:

25X1D

SYZRAN ARMY BKS TANK AL 1 + TANK OCS

25X1A

53-10- N 048-28- E

STATUS:OCCUPIED

REMARKS:

CONSTRUCTION WAS CONTINUING ON FOUR BUILDINGS.

25X1D

GROUND FORCE ORDER OF BATTLE:

50 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

IMAGERY:

IMAGERY:

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SOVIET UNION
GROUND FORCE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D BUDA MALTSEVSKAYA AMMUNITION DEPOT SE
[REDACTED] NAC

25X1A 25X1D 25X1D
53-49-[REDACTED] N 035-03-[REDACTED] E
[REDACTED]

STATUS: OPERATIONAL

25X1D GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

25X1D MOSKVA ARMY SPLY DPO DQ 1 REUTOVO
[REDACTED] NAC

25X1A 25X1D 25X1D
55-46-[REDACTED] N 037-52-[REDACTED] E
[REDACTED]

STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D ODESSA SUPPLY DEPOT DMITRIYEVKA
[REDACTED] NAC

25X1A 25X1D 25X1D
46-25-[REDACTED] N 030-43-[REDACTED] E
[REDACTED]

STATUS: OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

[REDACTED]
NONE DISCERNIBLE

25X1D IMAGERY: [REDACTED]

25X1D SARY AGACH ARMY BKS N AL 3
[REDACTED] NAC

25X1A 25X1D 25X1D
41-31-[REDACTED] N 069-07-[REDACTED] E
[REDACTED]

STATUS: UNOCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:

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SOVIET UNION
GROUND FORCE FACILITIES

NONE DISCERNIBLE

25X1D

IMAGERY: 

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TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

SOVIET UNION
LOGISTICS

OTHER RESULTS-NO APPARENT CHANGE

25X1D

LENINGRAD AUTOKOLONNA DPO 1103
[REDACTED] NAC

25X1A

25X1D

25X1D

59-53-[REDACTED] N 030-20-[REDACTED] E
[REDACTED]

STATUS:UNKNOWN

25X1D

IMAGERY: [REDACTED]

25X2 Approved For Release 2000/04/17 : CIA-RDP78T04562A002300010002-1

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HANDLE VIA
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TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D
GORKIY/SORMOVO AFLD
[REDACTED]

25X1A 25X1D 25X1D
56-19-[REDACTED] N 043-48-[REDACTED] E
[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1D
THE ORDER OF BATTLE FOR THIS AIRFIELD IS REPORTED UNDER GORKIY
AIRFRAME PLANT ORDZHONIKIDZE 21 [REDACTED].

IMAGERY: [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D
ZELENODOLSK SHIPYARD 340
[REDACTED] NAC

25X1A 25X1D 25X1D
55-50-[REDACTED] N 048-30-[REDACTED] E
[REDACTED]

25X1D
STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D
[REDACTED]
NONE PRESENT

IMAGERY: [REDACTED]

HANDLE VIA
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TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20224/71 - IPIR 21
KH-4 MISSION 1114

SOVIET UNION
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

KHMYLOVKA CONSTRUCTION AREA

25X1A

42-44- [REDACTED] N 133-06- [REDACTED] E

25X1D

25X1D

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

2.5 NM SOUTH OF KHMYLOVKA.

25X1D

THE NEWLY IDENTIFIED AREA CONSISTS OF A LONG NARROW EXCAVATION AND A POSSIBLE SUPPORT AREA UNDER CONSTRUCTION 0.5 NM NE WITH TWO BUILDINGS UNDER CONSTRUCTION AND THREE CLEARINGS FOR BUILDINGS. [REDACTED] IS MIDWAY BETWEEN THE EXCAVATION AND THE POSSIBLE SUPPORT AREA.

25X1D

IMAGE DERIVED COORDINATES:

[REDACTED]

MAP SOURCE REFERENCE:

200-291-7HL 3RD ED MAY63

25X1D

IMAGERY: [REDACTED]

Attachments

SAM AND ABM DEPLOYMENT

		COUNTRY																							
		USSR*	ALBANIA	BULGARIA	CZECHOSLOVAKIA	EAST GERMANY	HUNGARY	POLAND	ROMANIA	YUGOSLAVIA	CHINA	MONGOLIA	NORTH KOREA	INDONESIA	EGYPT	SYRIA	CUBA**	INDIA	NORTH VIETNAM	AFGHANISTAN	LAOS	TOTALS***			
SAM sites	SA-1	56																				56	Confirmed		
																							Probable		
																							Possible		
																							Training		
	SA-2	1293	5	19	30	79	17	40	18	9	48	5	35	4	323	13	27	18	180	2	1		2166	Confirmed	
													4		1								5	Probable	
													2			1							4	Possible	
		25			1	3	1	1	2		1			1	3		1	3	3	1			55	Training	
	SA-3	319				25	6	14			10				66								430	Confirmed	
																								Probable	
SA-2 SAM Support Facilities																								2	Possible
															1									1	Training
		225	1	5	6	8	4	7	3	2		2	4	1	10	2	6	4	4	1			295	Confirmed	
SA-3 SAM Assembly Facilities																								6	Probable
																									Possible
		16					1	2															19	Confirmed	
+SA-5 SAM Complexes																								1	Confirmed
																									Possible
		82																					82	Confirmed	
ABM Complexes		TR&D Area																						1	Confirmed
		5																					5	Training	
		7																					7	Confirmed	
																									Probable
																								Possible	
	1																						1	Training	

*Includes dummy SA-2 and SA-3 sites, USSR
**Does not include abandoned sites
***Total reflects individual sites as of [REDACTED]
+Includes 2 Probable R&D or Training sites SSMTC

25X1D

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~~TOP SECRET~~

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~~TOP SECRET~~